

Title (en)
BLOWN FILM DIE

Title (de)
FOLIENBLASKOPF

Title (fr)
TETE DE SOUFFLAGE DE FILM

Publication
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Application
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Abstract (en)
[origin: WO2012076245A2] The invention relates to a film extrusion die (1) for producing a single-layer or multilayer blown film. Said film extrusion die (1) comprises at least one melt gap (4) for forming a film layer, said melt gap (4) being formed between two boundary walls (5, 6). At least one melt line (22) opens into the melt gap (4) and becomes a first melt duct (4) within the melt gap (4), said melt duct (4) being formed by recesses (3, 7) in the two boundary walls (5, 6) of the melt gap (4) in at least one sub-section (11, 12, 13, 14) of the extension of the at least one first melt duct (10). The melt duct (10) distributes the melt in the melt gap (4) while tapering in the direction of travel of the melt (4) and merging entirely with the melt gap (4) in the end region (14) thereof (10). The novelty and inventiveness is considered to lie in the fact that in one of its sections (11, 12, 13, 14), the at least one first melt duct (10) is formed exclusively by recesses (3, 7) in one of its two boundary walls (5, 6).

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